

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/593,804  
Source: TFW/P  
Date Processed by STIC: 9/29/06

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IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/593,804

DATE: 09/29/2006

TIME: 09:37:10

Input Set : A:\SeqListing.txt  
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3 <110> APPLICANT: LIU, et al.
5 <120> TITLE OF INVENTION: HUMAN ANTI-EPIDERMAL GROWTH FACTOR RECEPTOR ANTIBODY
7 <130> FILE REFERENCE: 11245/51003
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/593,804
C--> 10 <141> CURRENT FILING DATE: 2006-09-19
12 <150> PRIOR APPLICATION NUMBER: PCT/US2005/009583
13 <151> PRIOR FILING DATE: 2005-03-21
15 <150> PRIOR APPLICATION NUMBER: 60/624,264
16 <151> PRIOR FILING DATE: 2004-11-02
18 <150> PRIOR APPLICATION NUMBER: 60/554,555
19 <151> PRIOR FILING DATE: 2004-03-19
21 <160> NUMBER OF SEQ ID NOS: 25
23 <170> SOFTWARE: PatentIn Ver. 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 21
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
30 <220> FEATURE:
31 <221> NAME/KEY: CDS
32 <222> LOCATION: (1)..(21)
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35 agt ggt gat tac tac tgg agt 21
36 Ser Gly Asp Tyr Tyr Trp Ser
37 1 5
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 7
42 <212> TYPE: PRT
43 <213> ORGANISM: Homo sapiens
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47 1 5
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 48
53 <212> TYPE: DNA
54 <213> ORGANISM: Homo sapiens
56 <220> FEATURE:
57 <221> NAME/KEY: CDS
58 <222> LOCATION: (1)..(48)
60 <400> SEQUENCE: 3
61 tac atc tat tac agt ggg agc acc gac tac aac ccg tcc ctc aag agt 48
62 Tyr Ile Tyr Tyr Ser Gly Ser Thr Asp Tyr Asn Pro Ser Leu Lys Ser
63 1 5 10 15
66 <210> SEQ ID NO: 4

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DATE: 09/29/2006

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Input Set : A:\SeqListing.txt

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67 <211> LENGTH: 16  
 68 <212> TYPE: PRT  
 69 <213> ORGANISM: Homo sapiens  
 71 <400> SEQUENCE: 4  
 72 Tyr Ile Tyr Tyr Ser Gly Ser Thr Asp Tyr Asn Pro Ser Leu Lys Ser  
 73 1 5 10 15  
 77 <210> SEQ ID NO: 5  
 78 <211> LENGTH: 33  
 79 <212> TYPE: DNA  
 80 <213> ORGANISM: Homo sapiens  
 82 <220> FEATURE:  
 83 <221> NAME/KEY: CDS  
 84 <222> LOCATION: (1)..(33)  
 86 <400> SEQUENCE: 5  
 87 gtg tcg att ttt gga gtg ggg aca ttt gac tac 33  
 88 Val Ser Ile Phe Gly Val Gly Thr Phe Asp Tyr  
 89 1 5 10  
 92 <210> SEQ ID NO: 6  
 93 <211> LENGTH: 11  
 94 <212> TYPE: PRT  
 95 <213> ORGANISM: Homo sapiens  
 97 <400> SEQUENCE: 6  
 98 Val Ser Ile Phe Gly Val Gly Thr Phe Asp Tyr  
 99 1 5 10  
 103 <210> SEQ ID NO: 7  
 104 <211> LENGTH: 363  
 105 <212> TYPE: DNA  
 106 <213> ORGANISM: Homo sapiens  
 108 <220> FEATURE:  
 109 <221> NAME/KEY: CDS  
 110 <222> LOCATION: (1)..(363)  
 112 <400> SEQUENCE: 7  
 113 cag gtg cag ctg cag gag tcg ggc cca gga ctg gtg aag cct tca cag 48  
 114 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln  
 115 1 5 10 15  
 117 acc ctg tcc ctc acc tgc act gtc tct ggt ggc tcc atc agc agt ggt 96  
 118 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly  
 119 20 25 30  
 121 gat tac tac tgg agt tgg atc cgc cag ccc cca ggg aag ggc ctg gag 144  
 122 Asp Tyr Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu  
 123 35 40 45  
 125 tgg att ggg tac atc tat tac agt ggg agc acc gac tac aac ccg tcc 192  
 126 Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asp Tyr Asn Pro Ser  
 127 50 55 60  
 129 ctc aag agt cga gtc acc atg tcc gta gac acg tcc aag aat cag ttt 240  
 130 Leu Lys Ser Arg Val Thr Met Ser Val Asp Thr Ser Lys Asn Gln Phe  
 131 65 70 75 80  
 133 tcc ctg aag gtc aac tct gtg acc gcc gca gac acg gct gtg tat tac 288  
 134 Ser Leu Lys Val Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr

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135           85           90           95
137 tgt gcg aga gtg tcg att ttt gga gtg ggg aca ttt gac tac tgg ggc  336
138 Cys Ala Arg Val Ser Ile Phe Gly Val Gly Thr Phe Asp Tyr Trp Gly
139           100          105          110
141 cag ggc acc ctg gtc acc gtc tca agc
142 Gln Gly Thr Leu Val Thr Val Ser Ser
143           115          120
146 <210> SEQ ID NO: 8
147 <211> LENGTH: 121
148 <212> TYPE: PRT
149 <213> ORGANISM: Homo sapiens
151 <400> SEQUENCE: 8
152 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
153   1           5           10           15
155 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly
156   20          25          30
158 Asp Tyr Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu
159   35          40          45
161 Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asp Tyr Asn Pro Ser
162   50          55          60
164 Leu Lys Ser Arg Val Thr Met Ser Val Asp Thr Ser Lys Asn Gln Phe
165   65          70          75          80
167 Ser Leu Lys Val Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
168   85          90          95
170 Cys Ala Arg Val Ser Ile Phe Gly Val Gly Thr Phe Asp Tyr Trp Gly
171   100         105         110
173 Gln Gly Thr Leu Val Thr Val Ser Ser
174           115          120
178 <210> SEQ ID NO: 9
179 <211> LENGTH: 33
180 <212> TYPE: DNA
181 <213> ORGANISM: Homo sapiens
183 <220> FEATURE:
184 <221> NAME/KEY: CDS
185 <222> LOCATION: (1)..(33)
187 <400> SEQUENCE: 9
188 agg gcc agt cag agt gtt agc agc tac tta gcc
189 Arg Ala Ser Gln Ser Val Ser Ser Tyr Leu Ala
190   1           5           10
193 <210> SEQ ID NO: 10
194 <211> LENGTH: 11
195 <212> TYPE: PRT
196 <213> ORGANISM: Homo sapiens
198 <400> SEQUENCE: 10
199 Arg Ala Ser Gln Ser Val Ser Ser Tyr Leu Ala
200   1           5           10
204 <210> SEQ ID NO: 11
205 <211> LENGTH: 21
206 <212> TYPE: DNA

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207 <213> ORGANISM: Homo sapiens
209 <220> FEATURE:
210 <221> NAME/KEY: CDS
211 <222> LOCATION: (1)..(21)
213 <400> SEQUENCE: 11
214 gat gca tcc aac agg gcc act
215 Asp Ala Ser Asn Arg Ala Thr
216 1 5
219 <210> SEQ ID NO: 12
220 <211> LENGTH: 7
221 <212> TYPE: PRT
222 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 12
225 Asp Ala Ser Asn Arg Ala Thr
226 1 5
230 <210> SEQ ID NO: 13
231 <211> LENGTH: 27
232 <212> TYPE: DNA
233 <213> ORGANISM: Homo sapiens
235 <220> FEATURE:
236 <221> NAME/KEY: CDS
237 <222> LOCATION: (1)..(27)
239 <400> SEQUENCE: 13
240 cac cag tat ggt agc aca cct ctc act
241 His Gln Tyr Gly Ser Thr Pro Leu Thr
242 1 5
245 <210> SEQ ID NO: 14
246 <211> LENGTH: 9
247 <212> TYPE: PRT
248 <213> ORGANISM: Homo sapiens
250 <400> SEQUENCE: 14
251 His Gln Tyr Gly Ser Thr Pro Leu Thr
252 1 5
256 <210> SEQ ID NO: 15
257 <211> LENGTH: 321
258 <212> TYPE: DNA
259 <213> ORGANISM: Homo sapiens
261 <220> FEATURE:
262 <221> NAME/KEY: CDS
263 <222> LOCATION: (1)..(321)
265 <400> SEQUENCE: 15
266 gaa att gtg atg aca cag tct cca gcc acc ctg tct ttg tct cca ggg
267 Glu Ile Val Met Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
268 1 5 10 15
270 gaa aga gcc acc ctc tcc tgc agg gcc agt cag agt gtt agc agc tac
271 Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Tyr
272 20 25 30
274 tta gcc tgg tac caa cag aaa cct ggc cag gct ccc agg ctc ctc atc
275 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Ile

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PATENT APPLICATION: US/10/593,804

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Input Set : A:\SeqListing.txt

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| 276 | 35             | 40                 | 45                                  |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 278 | tat            | gat                | gca                                 | tcc       | aac | agg | gcc | act | ggc | atc | cca | gcc | agg | ttc | agt | ggc | 192 |
| 279 | Tyr            | Asp                | Ala                                 | Ser       | Asn | Arg | Ala | Thr | Gly | Ile | Pro | Ala | Arg | Phe | Ser | Gly |     |
| 280 | 50             |                    | 55                                  |           | 60  |     |     |     |     |     |     |     |     |     |     |     |     |
| 282 | agt            | ggg                | tct                                 | ggg       | aca | gac | ttc | act | ctc | acc | atc | agc | agc | cta | gag | cct | 240 |
| 283 | Ser            | Gly                | Ser                                 | Gly       | Thr | Asp | Phe | Thr | Leu | Thr | Ile | Ser | Ser | Leu | Glu | Pro |     |
| 284 | 65             |                    | 70                                  |           | 75  |     | 80  |     |     |     |     |     |     |     |     |     |     |
| 286 | gaa            | gat                | ttt                                 | gca       | gtg | tat | tac | tgt | cac | cag | tat | ggt | agc | aca | cct | ctc | 288 |
| 287 | Glu            | Asp                | Phe                                 | Ala       | Val | Tyr | Tyr | Cys | His | Gln | Tyr | Gly | Ser | Thr | Pro | Leu |     |
| 288 | 85             |                    | 90                                  |           | 95  |     |     |     |     |     |     |     |     |     |     |     |     |
| 290 | act            | ttc                | ggc                                 | gga       | ggg | acc | aag | gcg | gag | atc | aaa |     |     |     |     |     | 321 |
| 291 | Thr            | Phe                | Gly                                 | Gly       | Gly | Thr | Lys | Ala | Glu | Ile | Lys |     |     |     |     |     |     |
| 292 | 100            |                    | 105                                 |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 295 | <210>          | SEQ ID NO:         | 16                                  |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 296 | <211>          | LENGTH:            | 107                                 |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 297 | <212>          | TYPE:              | PRT                                 |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 298 | <213>          | ORGANISM:          | Homo sapiens                        |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 300 | <400>          | SEQUENCE:          | 16                                  |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 301 | Glu            | Ile                | Val                                 | Met       | Thr | Gln | Ser | Pro | Ala | Thr | Leu | Ser | Leu | Ser | Pro | Gly |     |
| 302 | 1              |                    | 5                                   |           | 10  |     | 15  |     |     |     |     |     |     |     |     |     |     |
| 304 | Glu            | Arg                | Ala                                 | Thr       | Leu | Ser | Cys | Arg | Ala | Ser | Gln | Ser | Val | Ser | Ser | Tyr |     |
| 305 | 20             |                    | 25                                  |           | 30  |     |     |     |     |     |     |     |     |     |     |     |     |
| 307 | Leu            | Ala                | Trp                                 | Tyr       | Gln | Gln | Lys | Pro | Gly | Gln | Ala | Pro | Arg | Leu | Leu | Ile |     |
| 308 | 35             |                    | 40                                  |           | 45  |     |     |     |     |     |     |     |     |     |     |     |     |
| 310 | Tyr            | Asp                | Ala                                 | Ser       | Asn | Arg | Ala | Thr | Gly | Ile | Pro | Ala | Arg | Phe | Ser | Gly |     |
| 311 | 50             |                    | 55                                  |           | 60  |     |     |     |     |     |     |     |     |     |     |     |     |
| 313 | Ser            | Gly                | Ser                                 | Gly       | Thr | Asp | Phe | Thr | Leu | Thr | Ile | Ser | Ser | Leu | Glu | Pro |     |
| 314 | 65             |                    | 70                                  |           | 75  |     | 80  |     |     |     |     |     |     |     |     |     |     |
| 316 | Glu            | Asp                | Phe                                 | Ala       | Val | Tyr | Tyr | Cys | His | Gln | Tyr | Gly | Ser | Thr | Pro | Leu |     |
| 317 | 85             |                    | 90                                  |           | 95  |     |     |     |     |     |     |     |     |     |     |     |     |
| 319 | Thr            | Phe                | Gly                                 | Gly       | Gly | Thr | Lys | Ala | Glu | Ile | Lys |     |     |     |     |     |     |
| 320 | 100            |                    | 105                                 |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 324 | <210>          | SEQ ID NO:         | 17                                  |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
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| 326 | <212>          | TYPE:              | PRT                                 |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 327 | <213>          | ORGANISM:          | Artificial Sequence                 |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 329 | <220>          | FEATURE:           |                                     |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 330 | <223>          | OTHER INFORMATION: | Description of Artificial Sequence: | Synthetic |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 331 | linker peptide |                    |                                     |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 333 | <400>          | SEQUENCE:          | 17                                  |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 334 | Gly            | Gly                | Gly                                 | Gly       | Ser | Gly | Gly | Gly | Ser |     |     |     |     |     |     |     |     |
| 335 | 1              |                    | 5                                   |           | 10  |     |     |     |     |     |     |     |     |     |     |     |     |
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| 341 | <213>          | ORGANISM:          | Artificial Sequence                 |           |     |     |     |     |     |     |     |     |     |     |     |     |     |
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| 344 | <223>          | OTHER INFORMATION: | Description of Artificial Sequence: | Synthetic |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 345 | linker peptide |                    |                                     |           |     |     |     |     |     |     |     |     |     |     |     |     |     |

**VERIFICATION SUMMARY** DATE: 09/29/2006  
PATENT APPLICATION: US/10/593,804 TIME: 09:37:12

Input Set : A:\SeqListing.txt  
Output Set: N:\CRF4\09292006\J593804.raw

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date